

# WIRE PARTITIONS



## and WINDOW GUARDS

CATALOG NO. 19

Joshua Horrocks, Inc.

Brooklyn, N.Y.



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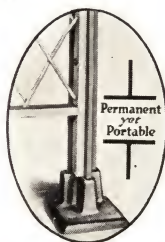
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Mike Jackson, FAIA

WIRE PARTITIONS  
WINDOW GUARDS  
MACHINERY GUARDS

*for*  
every use



*Over 50 years of service*

Catalog 19

**FROM**

**NEW HAVEN OFFICE**  
20 Center St., Room 230  
New Haven, Conn.  
Tel. Colony 4335-P. O. Box 563

**JOSHUA HORROCKS, INC.**

41 to 45 Schenectady Avenue

Brooklyn, N. Y.

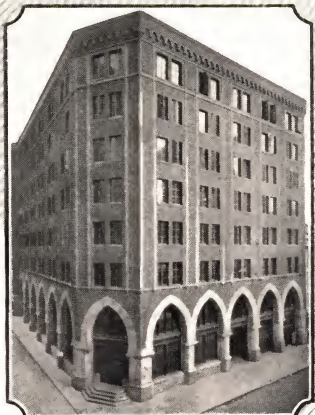
NEWARK, N. J.

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FEDERAL RESERVE BANK  
WAREHOUSE



R.H. MACY & CO. DEPARTMENT STORE



YANKEE STADIUM  
NEW YORK AMERICAN LEAGUE BASE BALL PARK



NEW YORK POST OFFICE



AMERICAN TYPE FOUNDERS CO. KELLY PRESS PLANT

A few buildings equipped with Horrocks' Wire Work



## INTRODUCTION

FOR over 50 years we have been meeting the demands of architects, contractors, builders, etc., for a superior quality of wire work for practically every requirement. Our years of service is assurance to you that the same high standard of reliability is built into our products today as was 40 or 50 years ago. No matter how small or how large the job may be, we can adequately care for your needs.

This catalog is divided into two main parts, namely, Horrocks Wire Partitions, and Horrocks Wire Window Guards. By illustrating the various types and showing a few typical installations, we have endeavored to show you how completely we can meet your needs for practically any type of wire work.

We have also included a very brief outline of Horrocks Machinery Guards. These are completely illustrated and described in another catalog, which we will gladly send you on request.

Note that the particular uses illustrated herein are merely a few of the many applications of Horrocks Wire Work. We are prepared to meet other needs and will gladly figure on any special problems of partitions, window guards, machinery guards, or, in fact, any job requiring wire work.



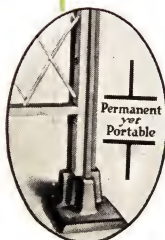
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## WIRE PARTITIONS

### *Foreword*

**P**RESENT-DAY production conditions demand highly efficient methods of handling work. The work must be so systematized that there is not one ounce of lost energy in the course of production. Horrocks Industrial Partitions are designed in accordance with the very latest methods of efficient manufacture and management. They include partitions for stockrooms, tool rooms, machine shops, counting and sorting departments, factory and business offices, and various others.

In addition to a complete line of partitions for industrial use, Horrocks also builds standard partitions for every use, protective screening, wire backstops, gates, ramp rails, bulk and delivery bins for Delivery Systems, Teller's Cages, etc. The same high quality and mechanical perfection is illustrated in each one.

Horrocks Wire Partitions have many obvious advantages over the ordinary wooden partition—they wear better, cannot be cut or chipped, are impervious to fire, cost little for upkeep, and are flexible to individual conditions. They can readily be put up or taken down to meet any necessary change of plans for contraction or expansion of space.

Another decided advantage of these partitions is their openness, which permits efficient lighting and ventilation, encouraging tidiness and discouraging the idleness of employees. With Horrocks Partitions, a person may walk through an entire floor and watch production or check up stock without entering a single department.

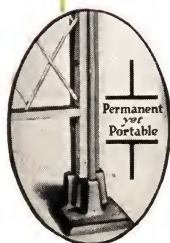




## Industrial Partitions



PLATE NO. H1.—Unretouched photograph taken in plant of the Hamilton Bank Note Co., Brooklyn, N. Y., showing Horrocks Diamond Mesh Wire Industrial Partition.



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## For Stock Rooms



PLATE NO. H2.—View of Horrocks Industrial Partition at the Kelly Press Division of American Type Founders Co., Elizabeth, N. J. Note the wire mesh wicket where workmen obtain parts from the stock room. Stock is completely separated from rest of shop, allowing only the stock-keeper to handle the parts.



PLATE NO. H3.—Another view of the above partition, showing in the background part of the partition around machine shop. In the foreground, a man is obtaining parts from the stock room.





## For Tool Rooms

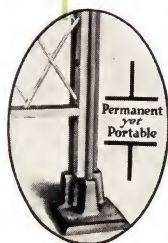


PLATE NO. H4.—Horrocks Partition with Tee-Bar uprights and sliding gate. This installation is in a tool room of an industrial plant. We specialize in partitions, particularly fitted for such industrial uses, whatever the type of building construction.

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## For Machine Shops

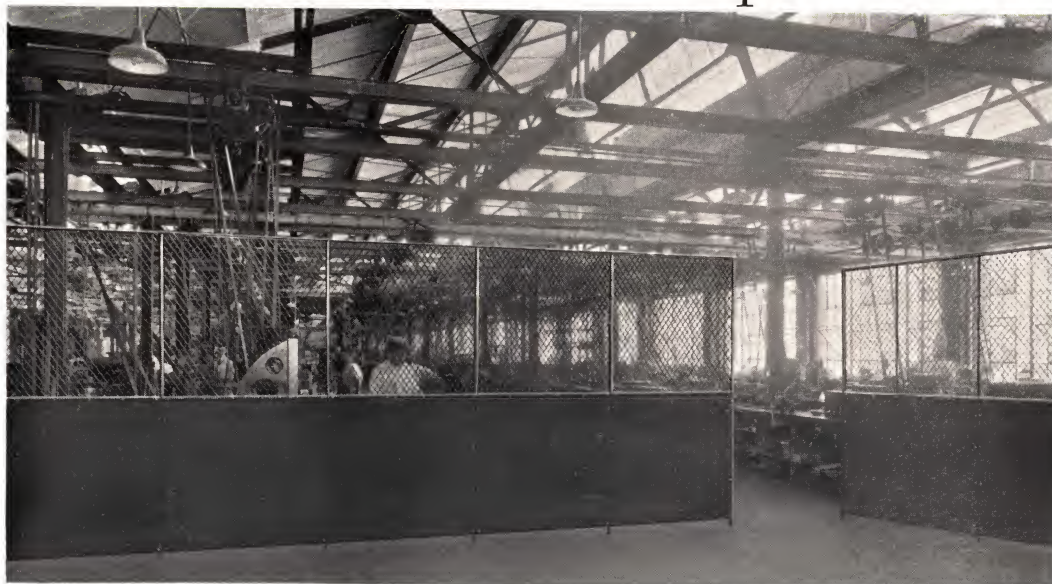


PLATE No. H5.—This Horrocks Wire Mesh Partition at the American Type Founders Co., Elizabeth, N. J., effectively divides off the machine shop and at the same time permits inspection of the shop from the outside.

## For Fire Doors and Wardrobes

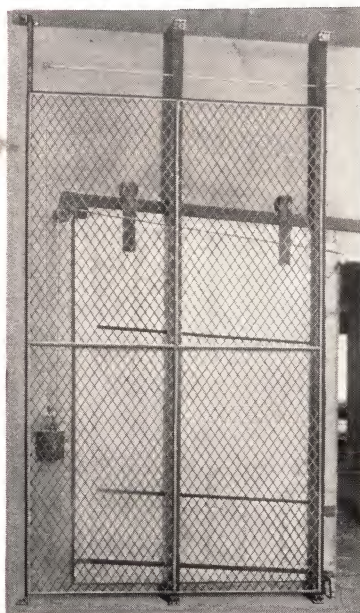


PLATE No. H6.—Positive protection in case of fire is provided by this Horrocks Partition. It protects the fire door, preventing any failure to function because of things leaning against the door.

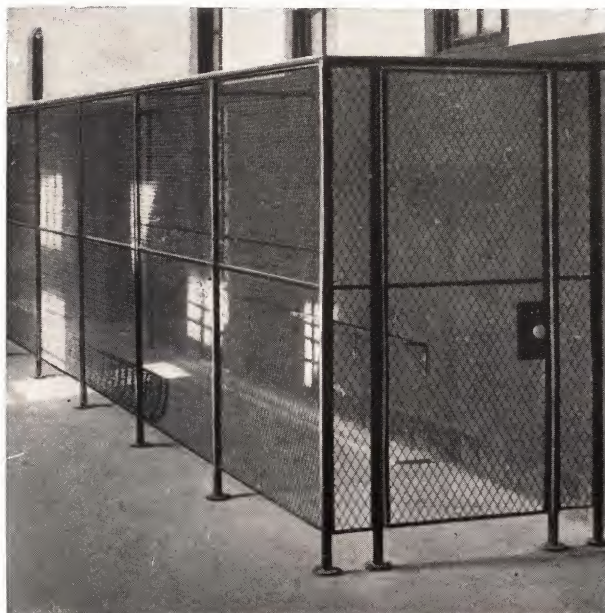
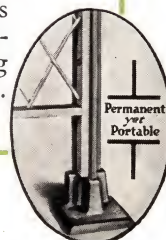


PLATE No. H7.—Horrocks Wire Wardrobes are supplied to cope with individual conditions. In the one illustrated above, the door in the foreground is opened from the inside, and the only means of entrance is through a door from the adjoining room. This arrangement is particularly satisfactory in guarding against the theft of wraps in mills, factories, schools, etc.





## Protective Screening



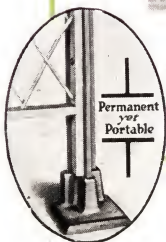
PLATE No. H8.—In the shops of the Boston Navy Yard Horrocks Wire Partitions are well adapted to use as protective screening around the crane rail of two balconies. It is impossible for workers to be hit by the passing crane or the swinging load. Absolute safety is afforded.



## Roof Rails



PLATE No. H9.—Horrocks Roof Rails at the Newark City Hospital keep the venturesome within bounds and prevent the possibility of accident. Just one of many applications of Horrocks Protective Screening.



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## For Storerooms

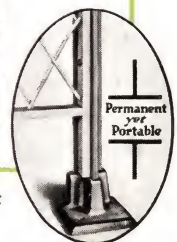


PLATE No. H10.—R. H. Macy & Co., New York City, keeps stores within this Horrocks Wire Mesh Partition on the ninth floor of their spacious building. Note the sliding doors with locks, giving complete separation from the outside aisles.



PLATE No. H11.—Trunk Room Partitions at Apartment House, 150 E. 73rd St., New York. Separate compartments with locking gates provide a safe storage place for trunks, wood, boxes, and other materials.

Each tenant has his own storeroom. Note how the partitions reach to the ceiling, preventing access from above. A very neat, safe, systematic method of handling the storage problem in apartment houses.

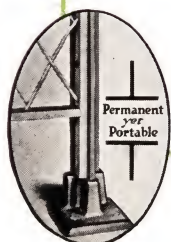




## Heavy Divisional Partitions



PLATE NO. H12.—Horrocks Heavy Divisional Partitions are designed for more severe service and will give years and years of dependability. The view shown above pictures the installation at the New York Post Office. The Mail Tables Division is completely separated from the Registered Mail Section by these Horrocks Partitions.



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## Heavy Divisional Partitions

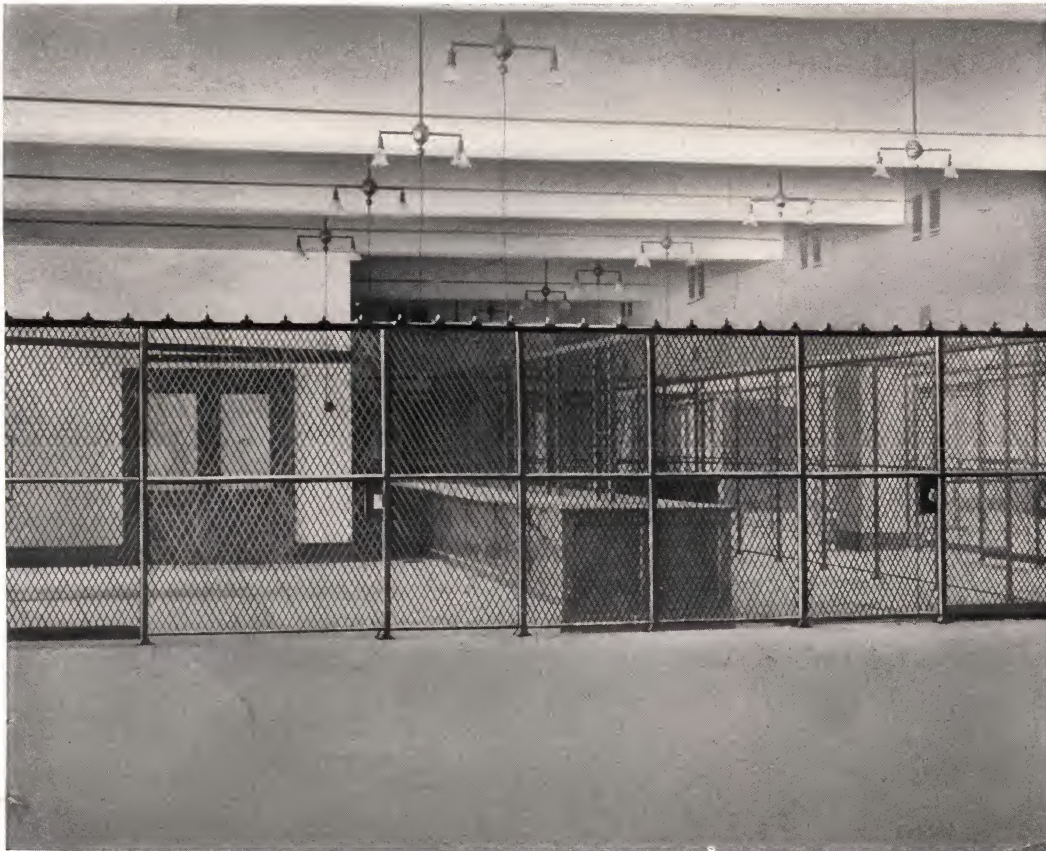


PLATE NO. H13.—Horrocks Heavy Divisional Partitions separating sections of the Registered Mail Department at the New York Post Office. Free communication is provided from one department to another, and yet the varied classes of work are divided. Ideal as to heating, ventilation, and lighting, and easily adjustable to expansion or contraction.



## Bank Teller's Cages

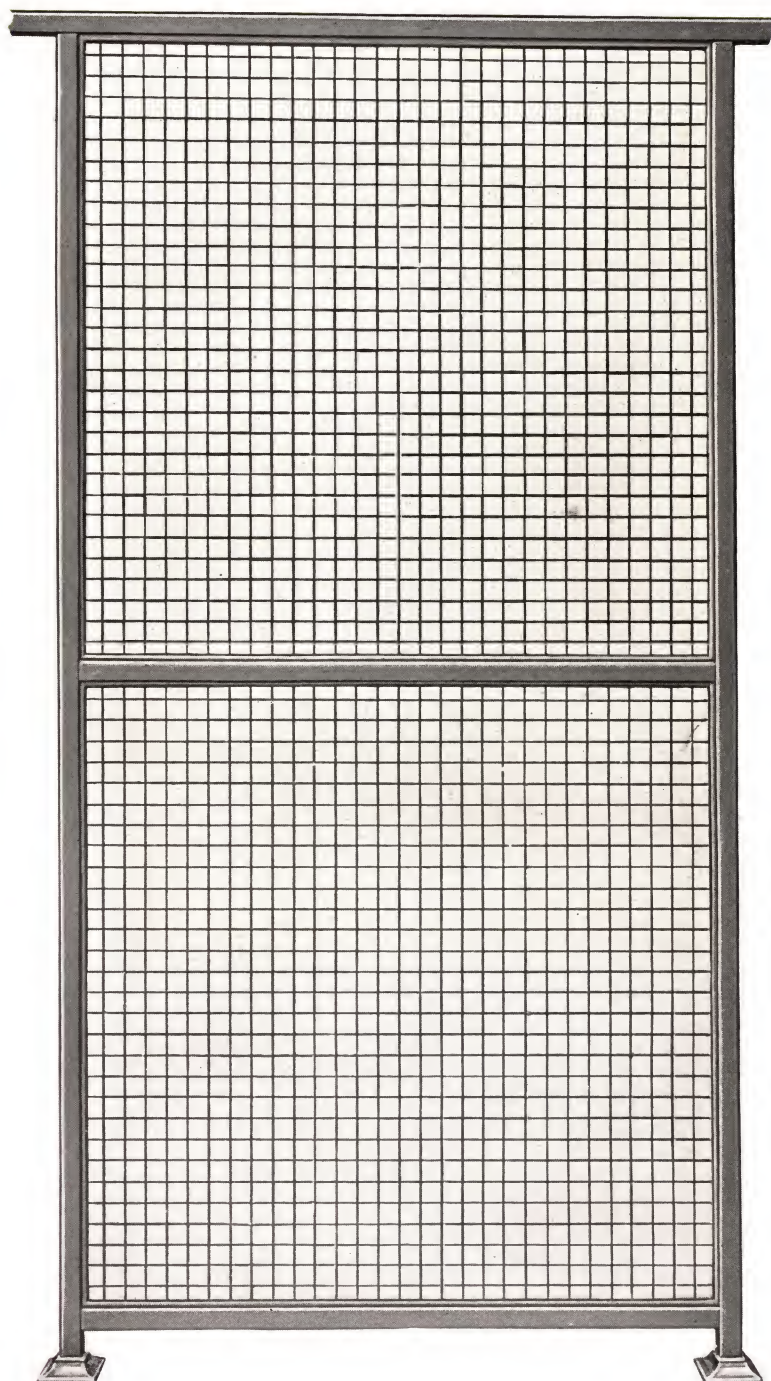
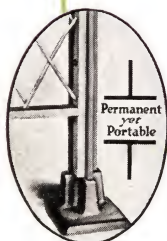


PLATE No. H14.—The above view shows in detail the construction of Horrocks Bank Teller Cage Sections. Note the standard cast iron base or foot for uprights and the solid joint construction. Constructed in this manner, sections will not sag or loosen under the hardest usage.



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## Bank Teller's Cages

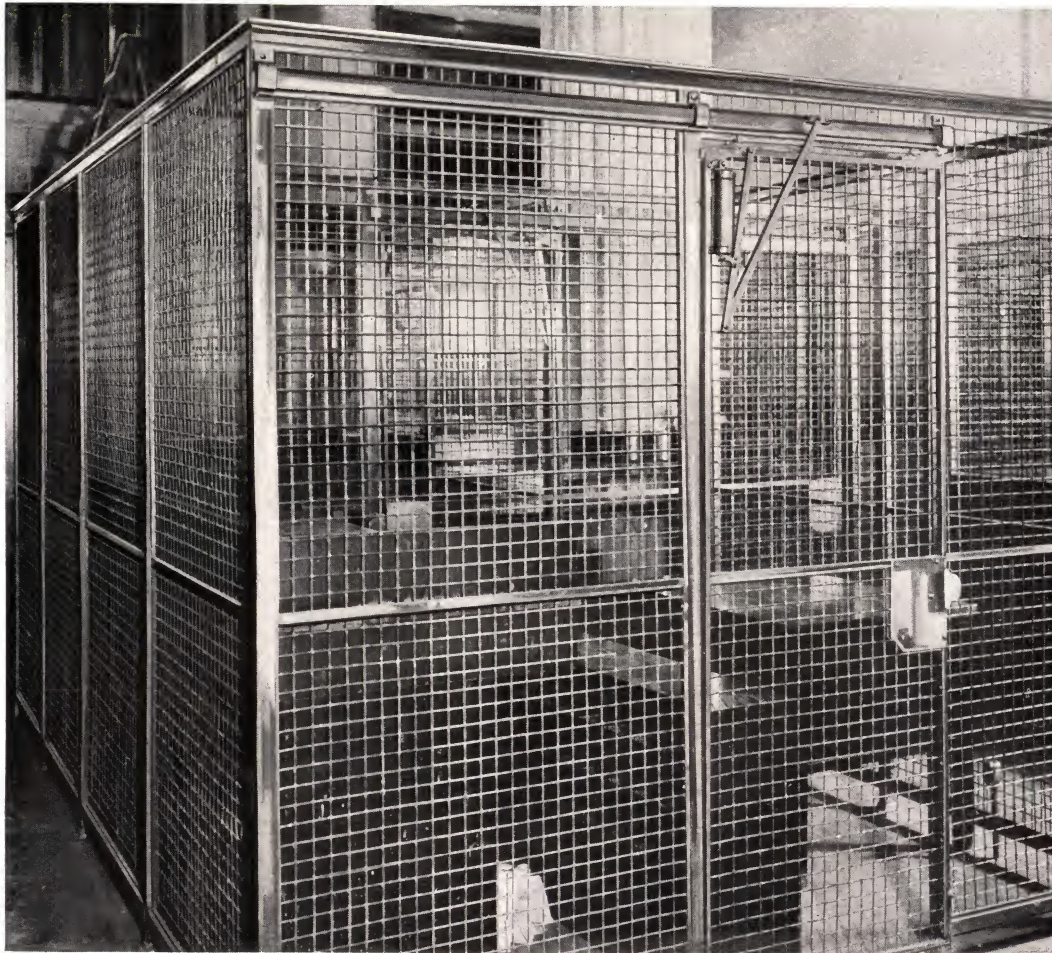
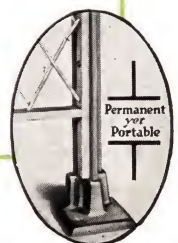


PLATE No. H15.—Horrocks Bank Cashier's Cages are designed particularly for banking rooms of financial institutions, or the cashier's department of industrial corporations. Heavily constructed, with either open or closed top, self-closing door with automatic noiseless stop, fitted with lock to open from outside.

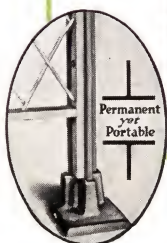




## Animal Cages



PLATE No. H16.—These two views show an unusual application of Horrocks Welded Mesh. Above are pictured dog cages at the Yale University Pathological Research Laboratory, and Plate No. H18, on opposite page, is another view of the same installation. Note the method of fastening the doors by means of a link.



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## Animal Cages



PLATE No. H17.—Horrocks Wire Mesh Partition serving as a Cat and Dog Shelter at the Association Humane Society, Newark, N. J. Same method of fastening door is used.

PLATE No. H18.—Horrocks Wire Work is used by Yale University for monkey cages. Note the double doors to each cage, the covered top, completely enclosing the cages.

This installation and the one on the opposite page are of electrically welded mesh. Every joint is rigidly welded together, thereby making each section a solid piece and insuring positive protection.





## Ramp Rails, Gates, Backstops, Etc.

### Making Baseball Safe

THE builders of the Yankee Stadium, home of the New York American League Baseball Club and the largest baseball park in the world, realized the superiority of Horrocks Wire Work when they completely outfitted this huge park with "Horrocks" products.

For over fifty years, Joshua Horrocks, Inc., have been building wire work, and for over fifty years they have been giving satisfaction to their customers. Years of experience is behind every Horrocks product.

Below are shown a few photographs which merely indicate the amount of Horrocks Wire Work at the Yankee Stadium.

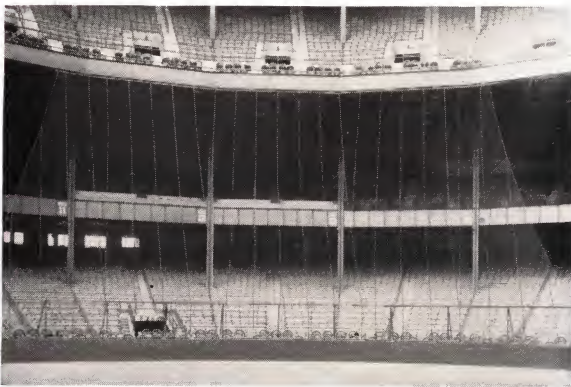


PLATE No. H19.—Over two tons of Horrocks wire work in this gigantic back stop.



PLATE No. H20.—Horrocks Ramp Rail at Yankee Stadium.

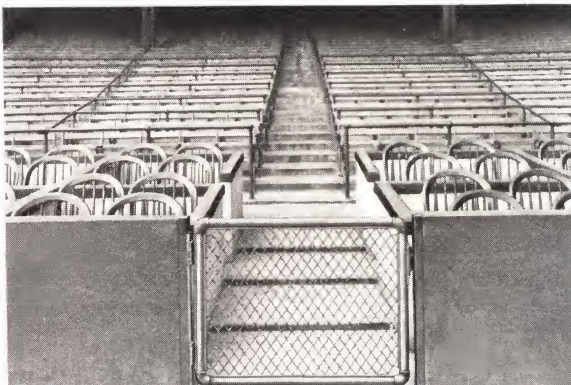
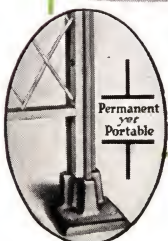


PLATE No. H21.—Close-up of Horrocks wire mesh gate at the Stadium.



PLATE No. H22.—Horrocks Ramp Partition at the Yankee Stadium, with swinging and locking gate.



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## Wire Bins and Shelving for Delivery Systems



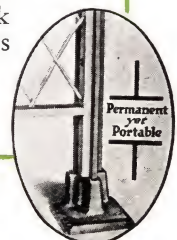
PLATE No. H23.—View showing a few of the Horrocks Bulk and Sorters Bins in the basement and sub-basement of Hahne & Co., Newark, N. J.



PLATE No. H24.—One of the Horrocks Delivery Bulk and Sorters Bins at R. H. Macy & Co. Note the four routes included on each unit.



PLATE No. H25.—Horrocks Wire Shelving in Bulk and Delivery Bin, part of a most complete Delivery System at R. H. Macy & Co., New York City. All you see in the picture is Horrocks made.

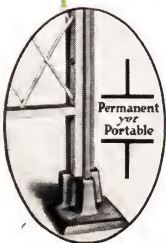




## Standard Partitions



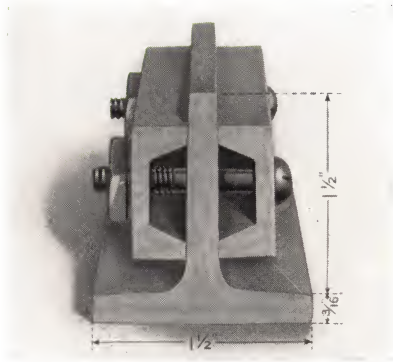
FIG. No. 1H.—Standard sections have frames 1-inch Carnegie section channels, filled with diamond mesh, No. 7 Washburn & Moen gauge wire. Mesh is kept taut, permanently fastened inside channels. Cannot loosen under strain. When desired, square mesh may be substituted for diamond mesh; we make both, but the diamond is standard. Note the method of securely fastening the mesh to the frame.



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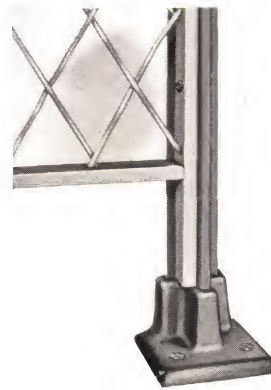


## Standard Partitions



THIS TEE-BAR UPRIGHT IS THE BACKBONE  
OF HORROCKS STANDARD PARTITIONS

FIG. No. 2H, shown above, is the cross-section and dimensions of the steel Tee-Bar Upright for tool-room partitions, and the method of bolting partition to them. The channel bars of adjacent sections thus easily bolted together through the Tee-Bar Upright become mutually braced units. The strong Diamond Mesh is firmly held in the channel frame, as shown on the opposite page.



PERMANENT—YET PORTABLE

FIG. No. 3H, shown above, is the standard cast-iron base or foot for Tee-Bar Uprights for tool-room partitions. Such a base holds the partition rigidly in place, yet renders easy and convenient any necessary changes in arrangement—furnishing a unit that is truly

“PERMANENT—YET PORTABLE”

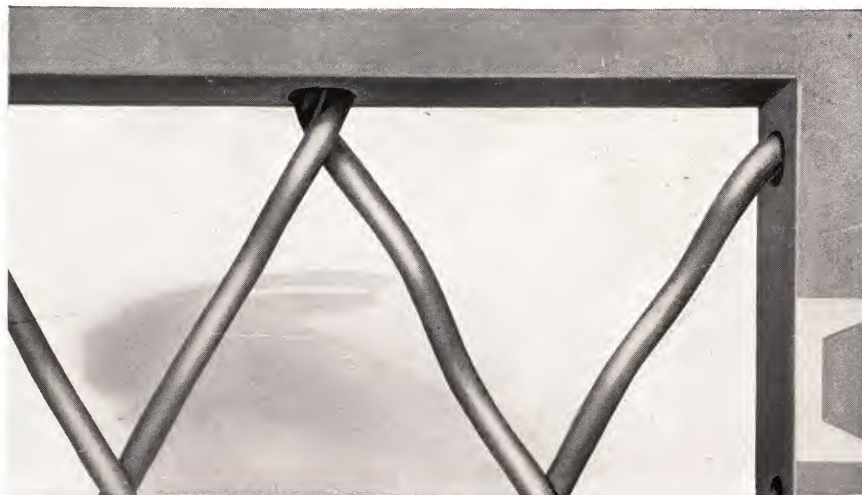


FIG. No. 4H.—Diamond Mesh firmly held in channel frame, ready for bolting to uprights. Partitions come in standard sections, ready for erecting.

The views on these pages illustrate very well the construction of Horrocks diamond mesh wire work and method of fastening to frame.

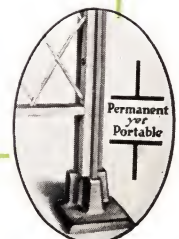






PLATE No. H26—Horrocks Wire Window Guards attached to a concrete building



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## WINDOW GUARDS

### *Foreword*

**H**ORROCKS Round and Channel Frame Window Guards are built to meet *your* requirements. Plants and buildings everywhere have availed themselves of the positive protection offered by Horrocks Wire Window Guards.

These guards are built in a variety of forms and types suitable for practically every requirement. Easily fastened to any type of window, including wood frame, Kalemien and steel sash, and designed with care and precision gained in over 50 years of experience. Horrocks guards will afford years and years of service, and will make big savings for you. They are correctly designed of heavy material to give positive protection at all times.

The several standard sizes of both diamond mesh and square mesh fabric are shown in full size, with both channel and round frames, making it easy to determine the particular form of guard best suited to meet any given conditions. If you do not find a type to meet your requirements, consult us, and we feel confident of our ability to satisfy you.

Plans and elevations showing the usual methods of attaching both round and channel frame guards to the average window are included, and also illustrations of various accessories and fittings, such as hinges, clasps, clips, etc.

In the following section we have endeavored to present to you in a brief, concise manner, the principal types of Horrocks Wire Window Guards. First, the channel frame guards, and then the round frame guards, with typical installation views of each.





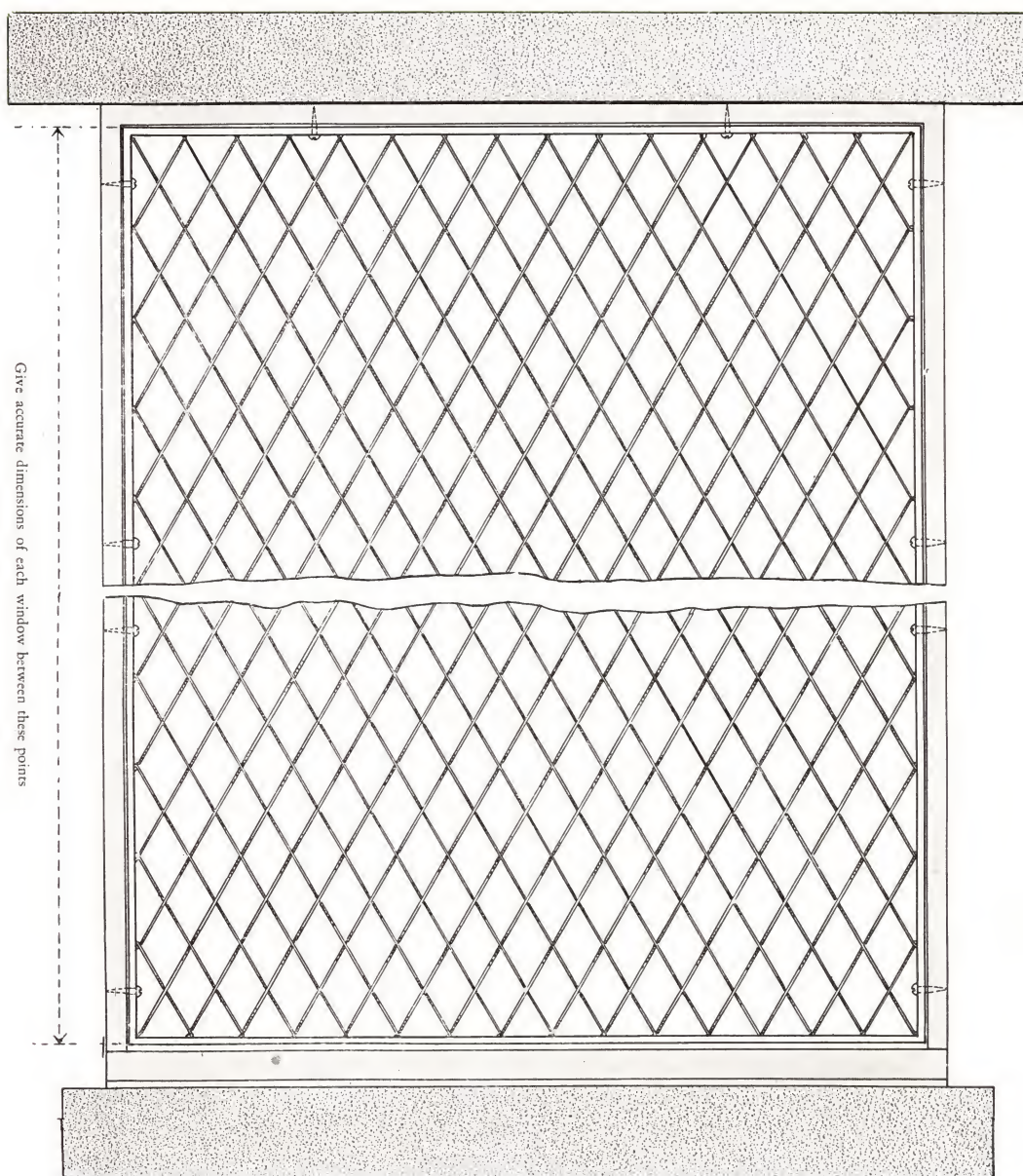
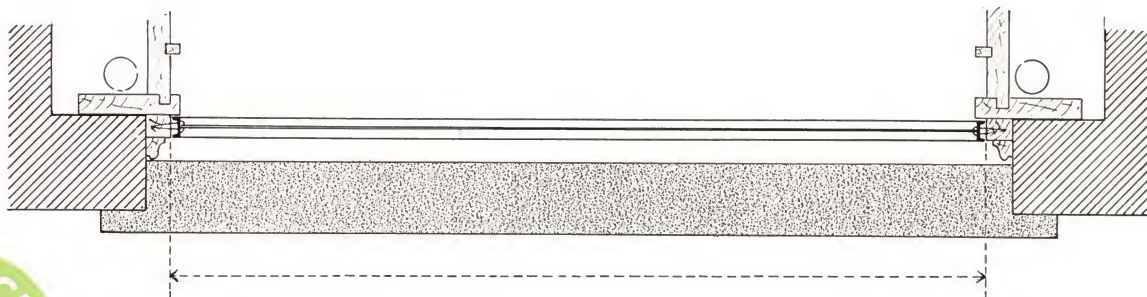


FIG. No. 5H.—This elevation and plan shows the usual method of fastening a channel frame window guard to the average window. When ordering window guards exact dimensions between the points indicated should be given for each window.



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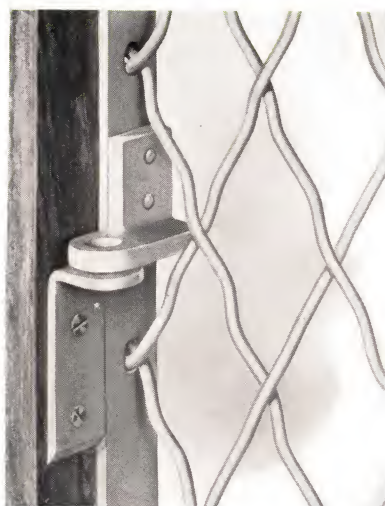


FIG. No. 7H.—Photograph of padlock arrangement for inside locking of hinged window guard.



FIG. No. 9H.—Construction when hinged window guard with channel frame is to be padlocked from the outside.

FIG. No. 6H.—The illustration at the left shows the method of clinching the wires of the screen in the channel frame.



FIG. No. 8H.—Method of attaching hinges to a hinged channel frame window guard when these are ordered.

All Window Guards over 3 feet by 6 feet are provided with horizontal brace and unless otherwise ordered are furnished with our standard finish, which is "dipped black."





TYPE B 100.—Diamond Mesh, Channel Frame. Actual size.



TYPE B 125.—Diamond Mesh, Channel Frame. Actual size.







TYPE B 150.—Diamond Mesh, Channel Frame. Actual size.



TYPE B 175.—Diamond Mesh, Channel Frame. Actual size.





Type B 200.—Diamond Mesh, Channel Frame. Actual size.



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## Channel Frame Window Guards

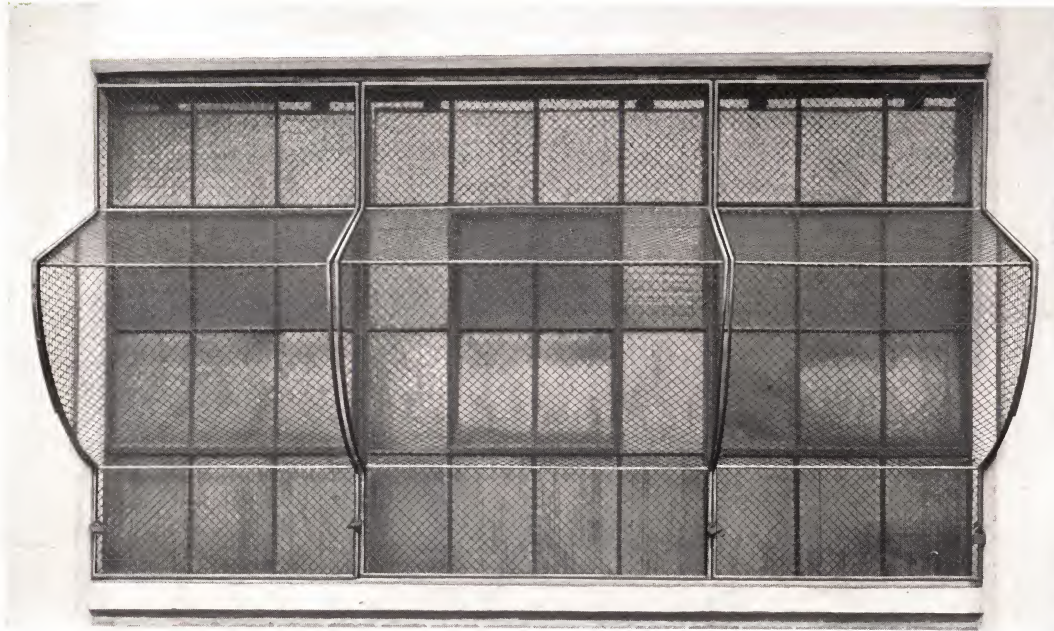


PLATE NO. H27.—Horrocks Wire Window Guards at the plant of Yale & Towne, Stamford, Conn. Guards are so shaped to permit windows to swing out on pivoted metal sash.

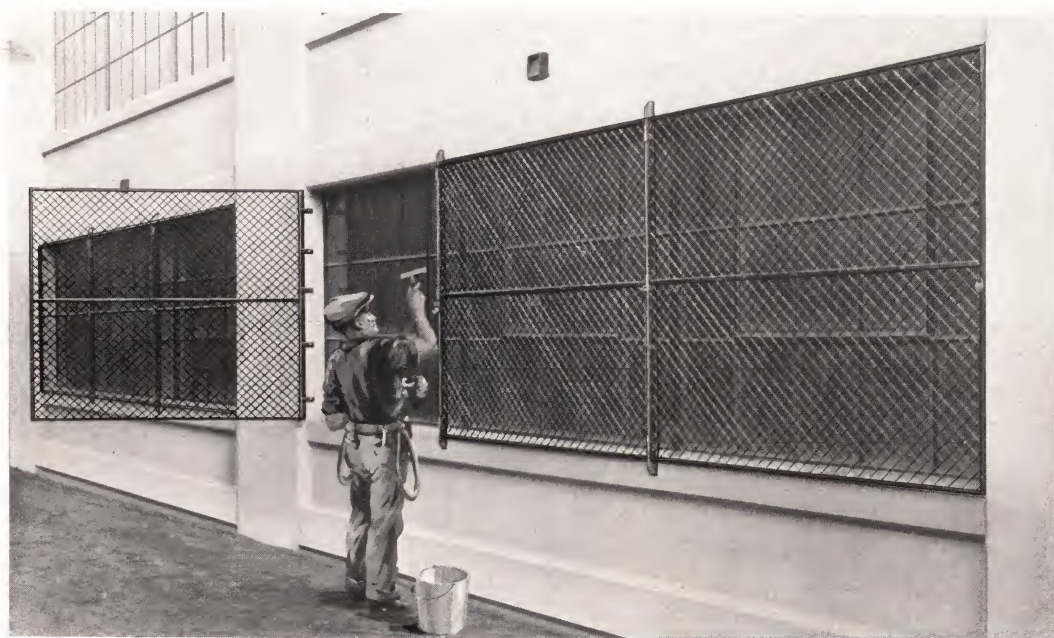


PLATE NO. H28.—Horrocks Wire Window Guards, hinged and locking, on a concrete building. Hinges permit the opening of guards to clean the windows as illustrated.



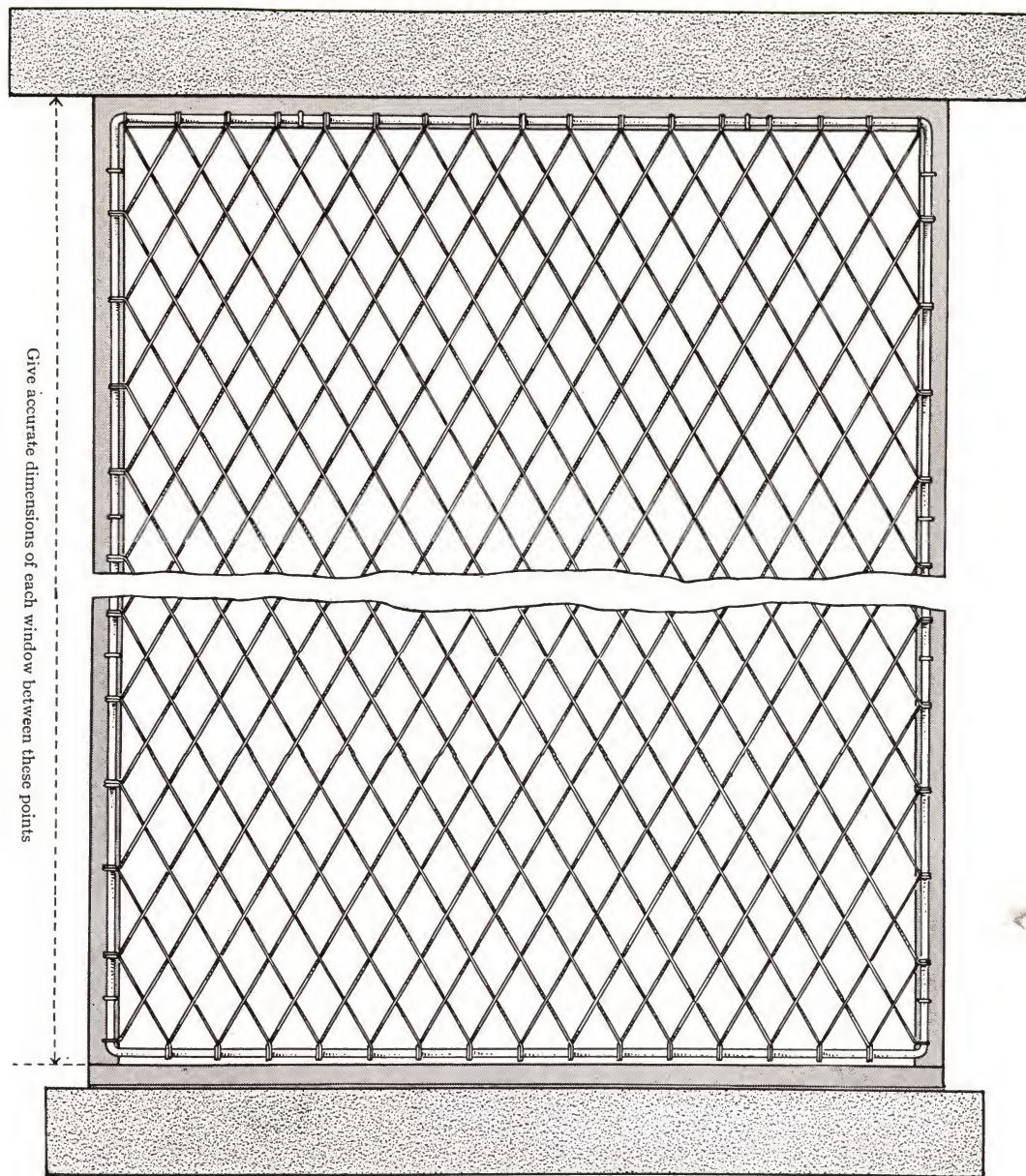
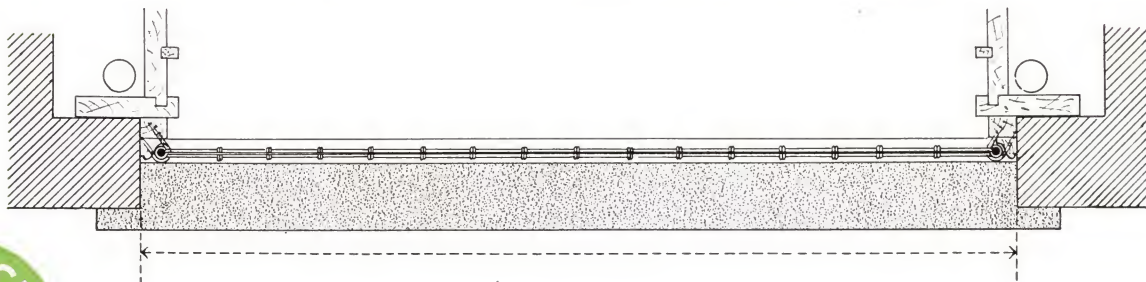


FIG. No. 10H.—Elevation and plan showing method of attaching round frame window guard to the average window by means of staples. When ordering window guards exact dimensions of each window between points indicated should be given.



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FIG. No. 14H.—Photograph showing method used for padlocking hinged round frame window guard from the inside. A similar arrangement is also used for padlocking the guard from the outside.

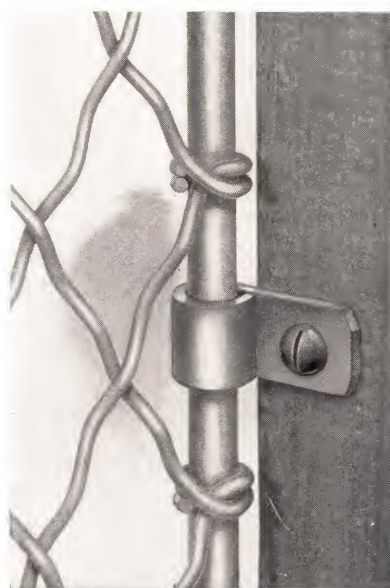


FIG. No. 11H.—Form of clip used for fastening round frame window guard from the inside. This same form of clip is also used as a hinge when it is desired that the guard be made to swing out.

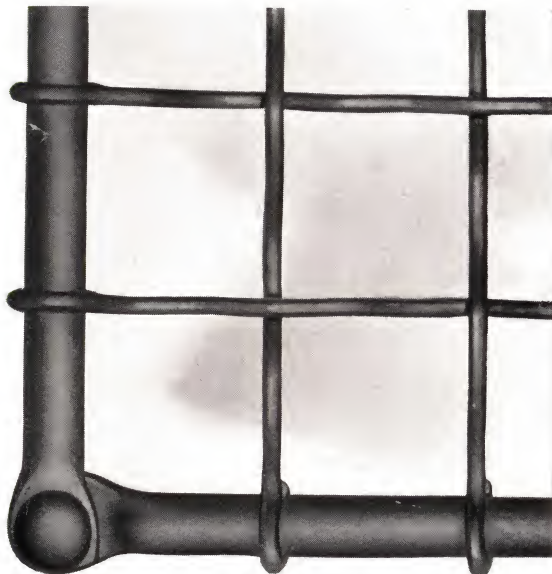


FIG. No. 12H.—All Horrocks round frame window guards are made with a continuous round rod firmly riveted at one corner. This construction is very much stronger and better than any other method.

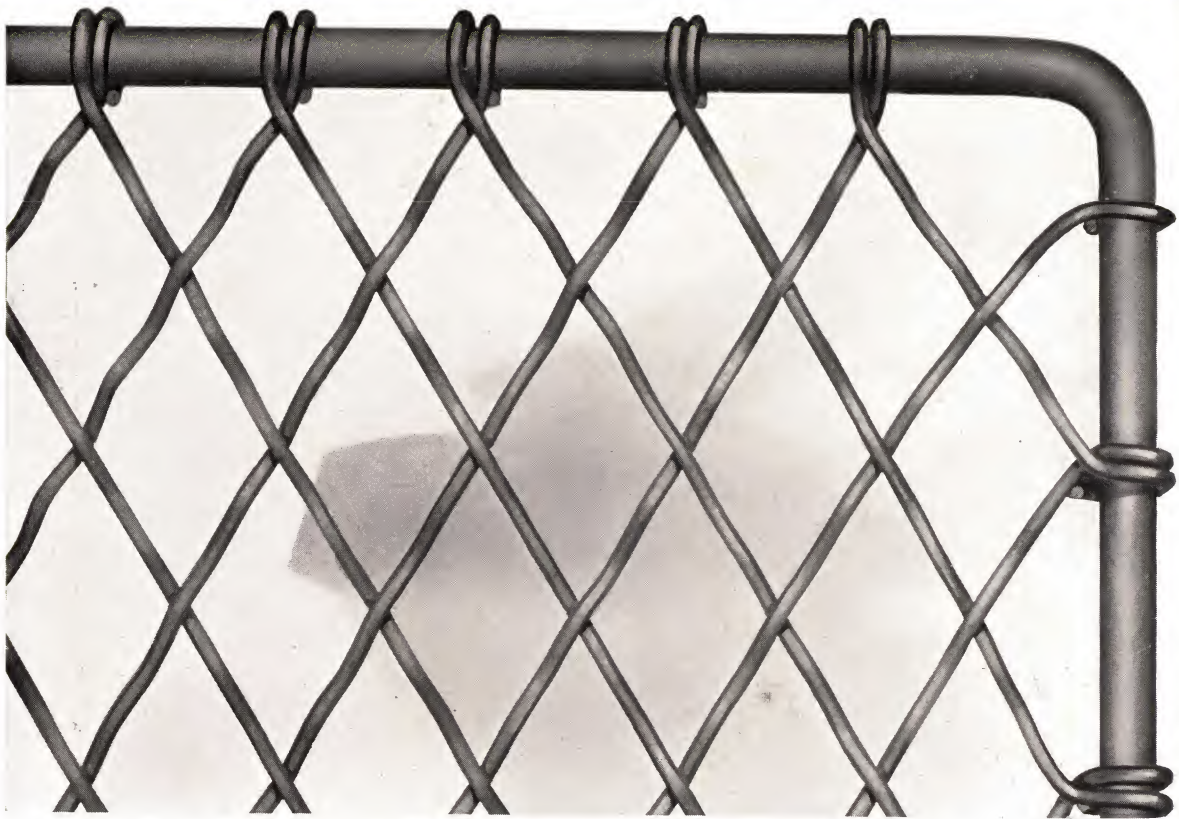


FIG. No. 13H.—This photograph shows manner in which a round frame window guard is stapled to a flat window frame.

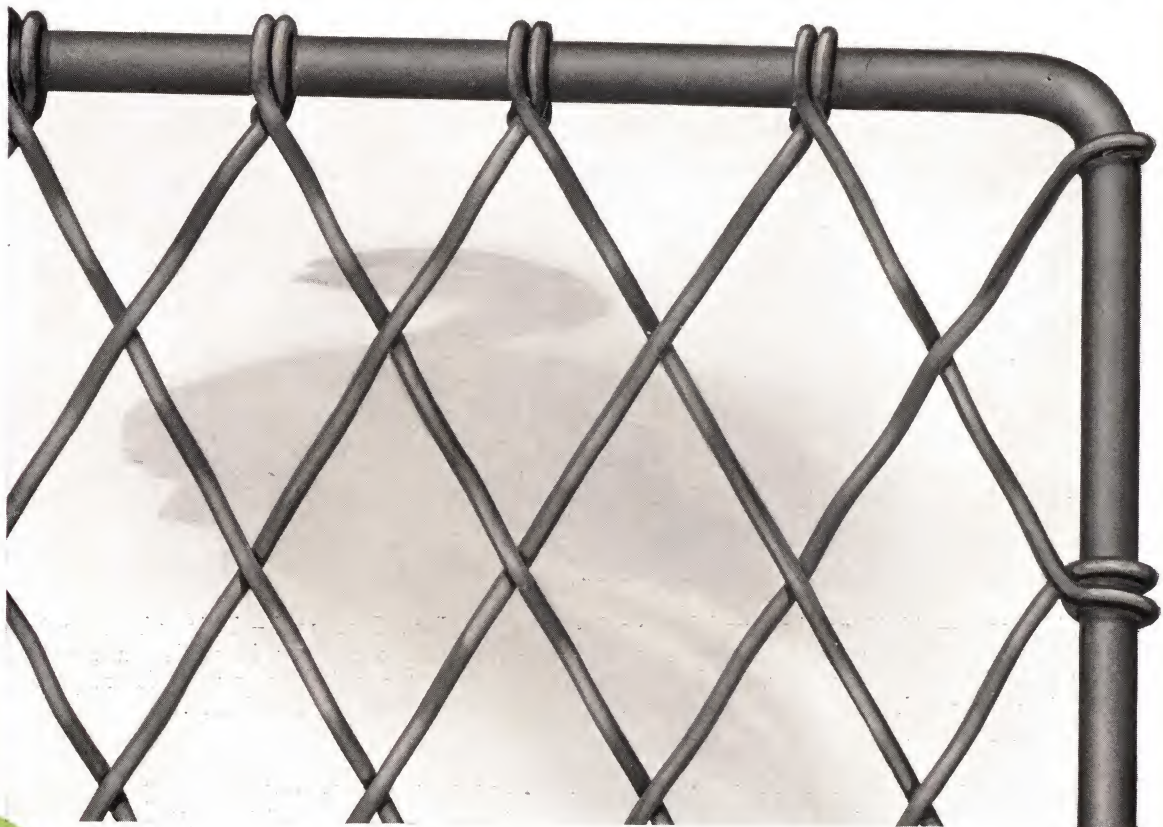
All Window Guards over 3 feet by 6 feet are provided with horizontal brace and unless otherwise ordered are furnished with our standard finish, which is "dipped black."



HORROCKS WIRE WINDOW GUARDS



TYPE A 100.—Diamond Mesh, Round Frame. Actual size.



TYPE A 125.—Diamond Mesh, Round Frame. Actual size.

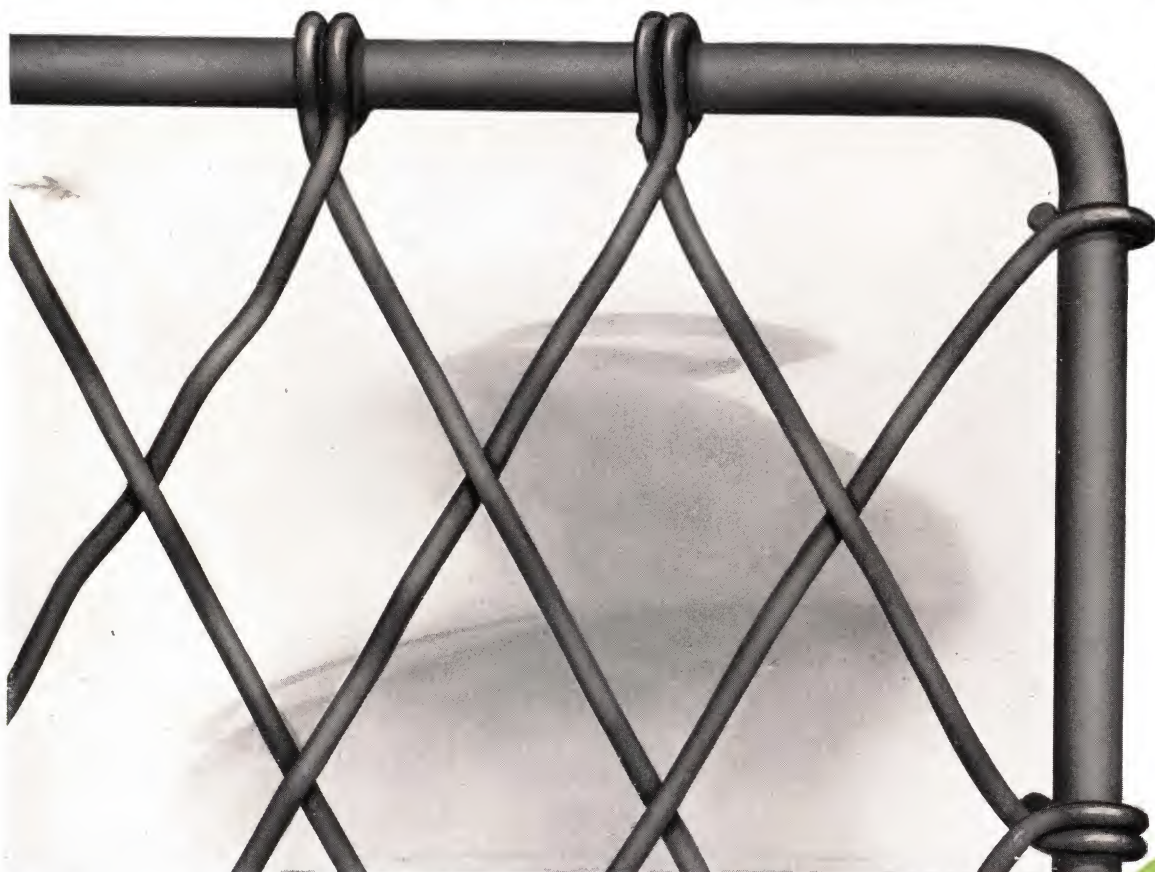


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TYPE A 150.—Diamond Mesh, Round Frame. Actual size.



TYPE A 175.—Diamond Mesh, Round Frame. Actual size.





TYPE A 200.—Diamond Mesh, Round Frame. Actual size.

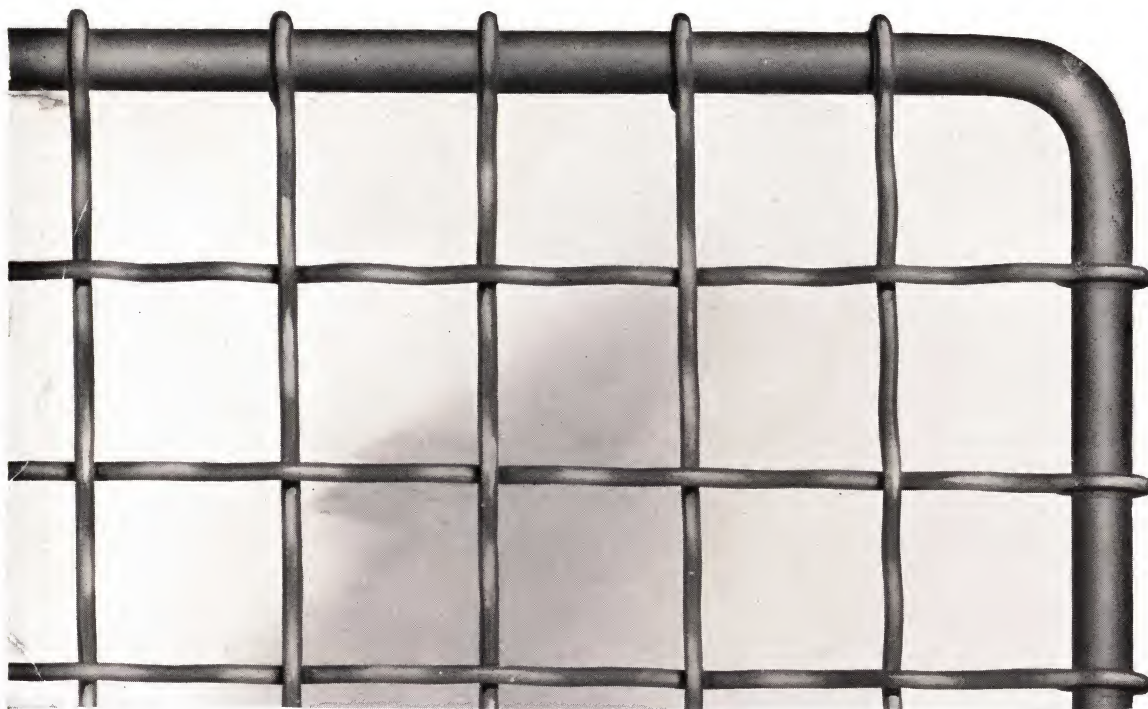


Over 50 years of service





TYPE S 75.—Square Mesh, Round Frame. Actual size.



TYPE S 100.—Square Mesh, Round Frame. Actual size.



HORROCKS WIRE WINDOW GUARDS



TYPE S 125.—Square Mesh, Round Frame. Actual size.



Over 50 years of service





PLATE No. H29.—This photograph shows part of an installation of Horrocks Window Guards at Shipley Refrigerating Co., Brooklyn. These windows are arranged to swing out at the bottom, and the lower sections of the guards for both upper and lower sash are arranged to swing out on hinge so that they will swing out with the sash when the latter is opened, dropping back into place when the window is closed.

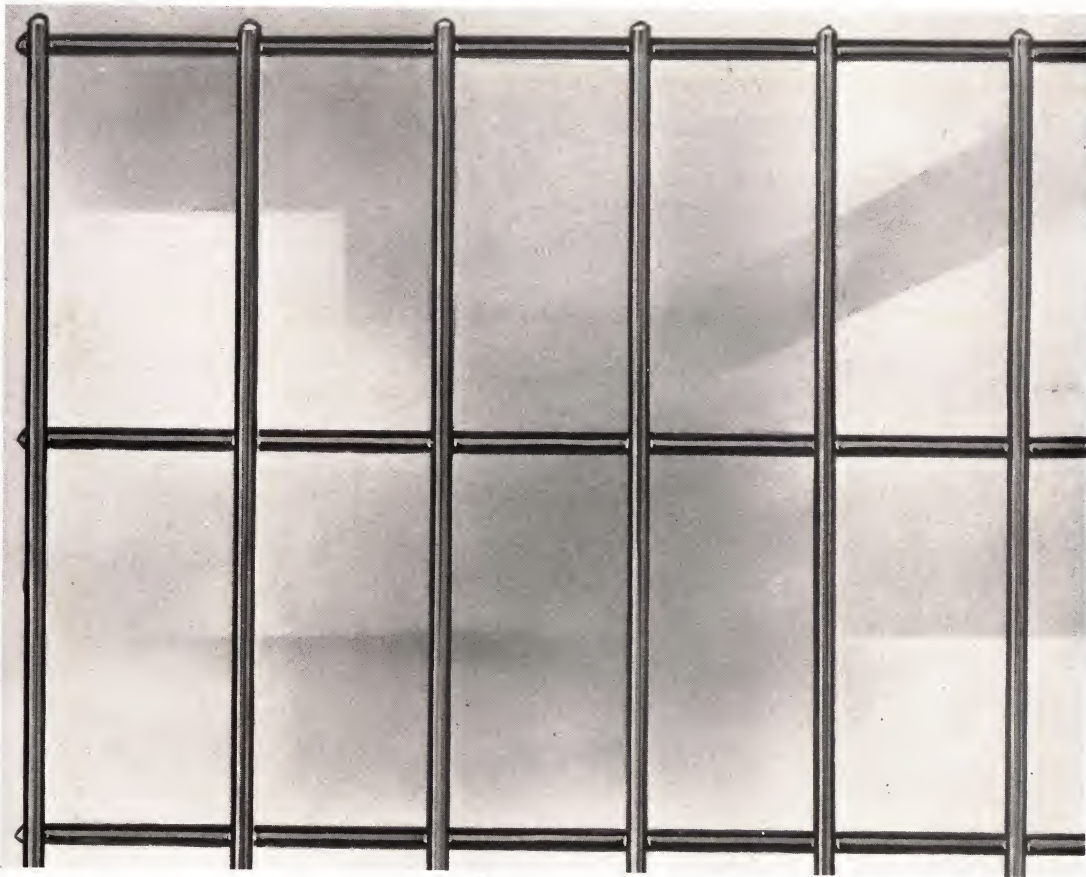




## HORROCKS ELECTRICALLY WELDED WINDOW GUARDS

Horrocks Electric Welded Window Guards are easily adapted to meet practically any requirement. Where special designs are necessary, the sizes of mesh can be varied to conform to the conditions.

Intersection of all the sections are electric welded and form an absolutely rigid joint which cannot be pulled or pried apart by any other means than by cutting the wires. It cannot be hammered or distorted, and will retain its shape for years. Positive protection now, tomorrow—years hence, is assured with a Horrocks Electric Welded Window Guard.



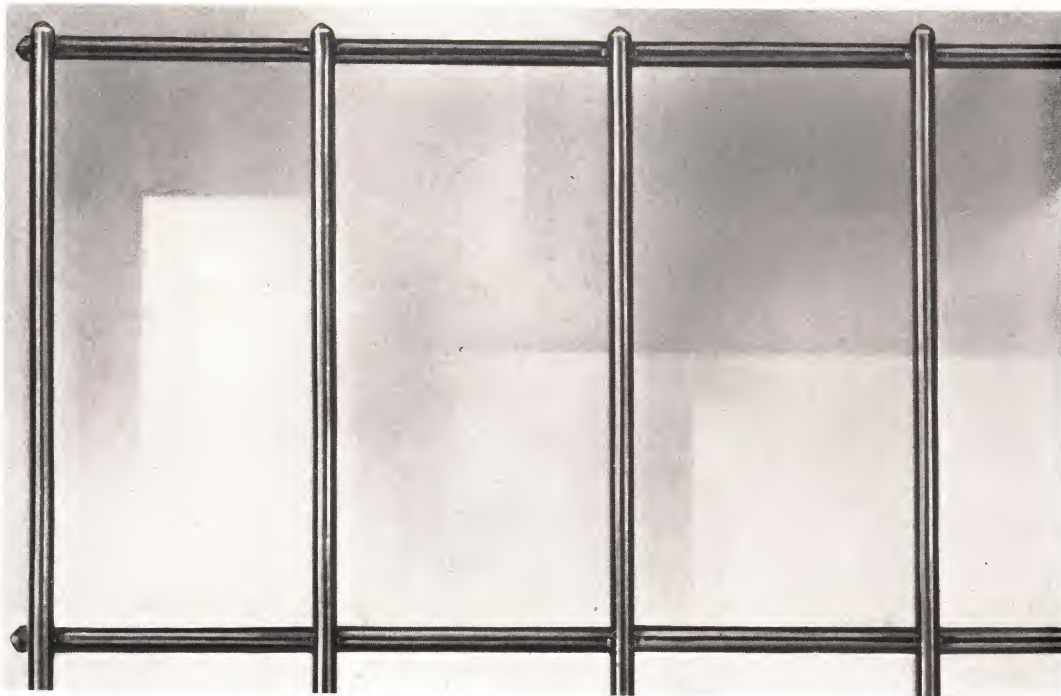
TYPE EW 10C.—1 in. x 2 in. Mesh, No. 12 Wire. Actual size.



Over 50 years of service



# HORROCKS ELECTRICALLY WELDED WINDOW GUARDS



TYPE EW 125.—1½ in. x 3 in. Mesh, No. 11 Wire. Actual size.



TYPE EW 150.—1 in. x 3 in. Mesh, No. 12 Wire. Actual size.





# HORROCKS ELECTRICALLY WELDED WINDOW GUARDS



TYPE EW 175.—3 in. x 6 in. Mesh, No. 8 Wire.  
Actual size.



The TYPE EW-225 guard shown on the following page was furnished for the Massachusetts State Hospital at Northampton, Mass.

Similar installations have been made at State Institutions at Danvers, Mass.

TYPE EW 200.—2 in. x 4 in. Mesh, No. 10 Wire.  
Actual size.



Over 50 years of service



HORROCKS ELECTRICALLY WELDED WINDOW GUARDS



TYPE EW 225.—4 in. x 6 in. Mesh, No. 6 Wire. Actual size.





## Skylight Guards

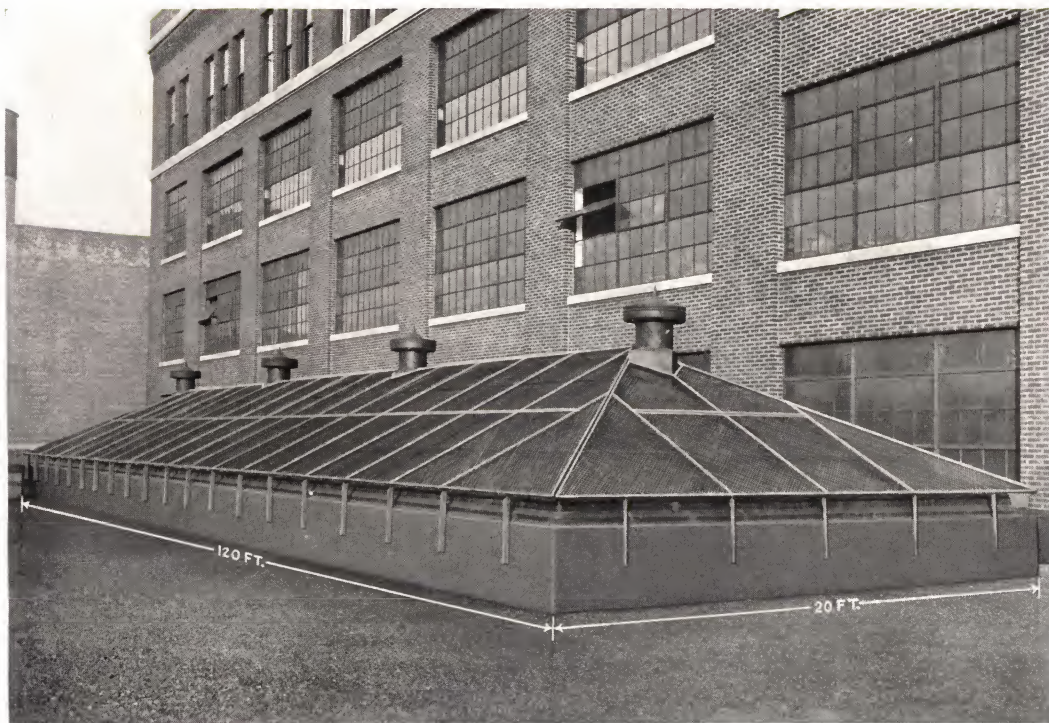


PLATE No. H30.—Horrocks Wire Hip Type Skylight Guards protect this skylight which is one of the largest of its kind in use. It is located on the Western Electric Company Building, Hudson St., New York.

Horrocks Hip Type Skylight Guards are raised from the glass about 8 inches by means of tee and angle supports securely fastened to frame. The mesh is 1 inch square, No. 12 wire,  $\frac{3}{4}$  inch channel frame.

Horrocks Wire Guards are permanent safe-guards against broken skylights which sometimes cause serious injury to workmen.



Over 50 years of service



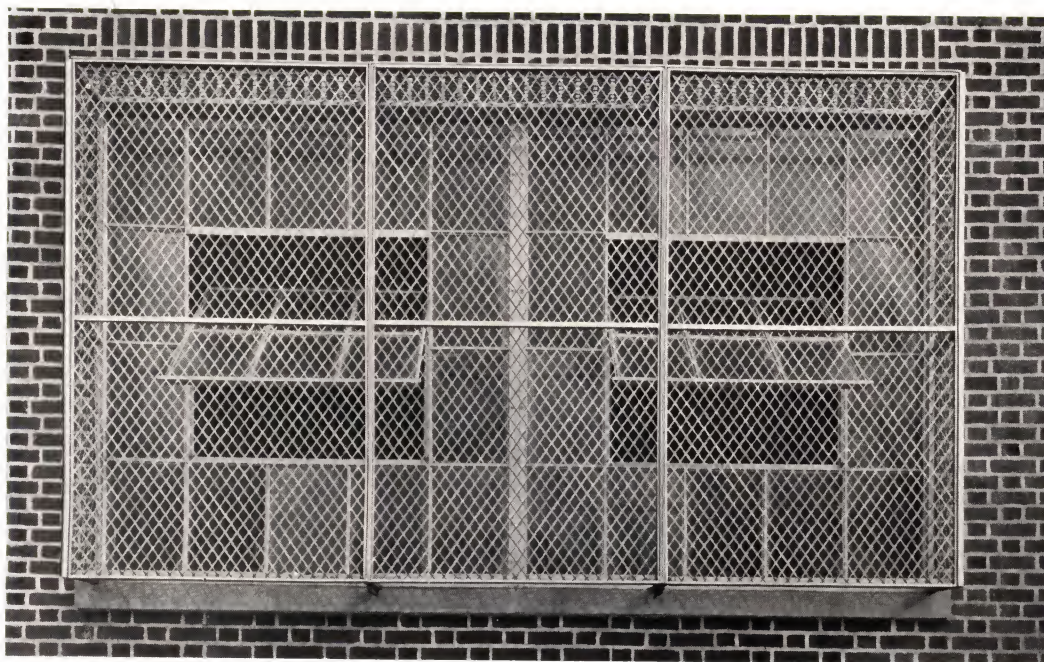


PLATE No. H31.—These illustrations show part of an installation of Horrocks Window Guards at the Department Street Cleaning, Housing Station, Brooklyn, N. Y.

These window guards are constructed so that the entire guard allows the ventilating sash in the window to swing without obstruction giving the full area of the ventilating sash.

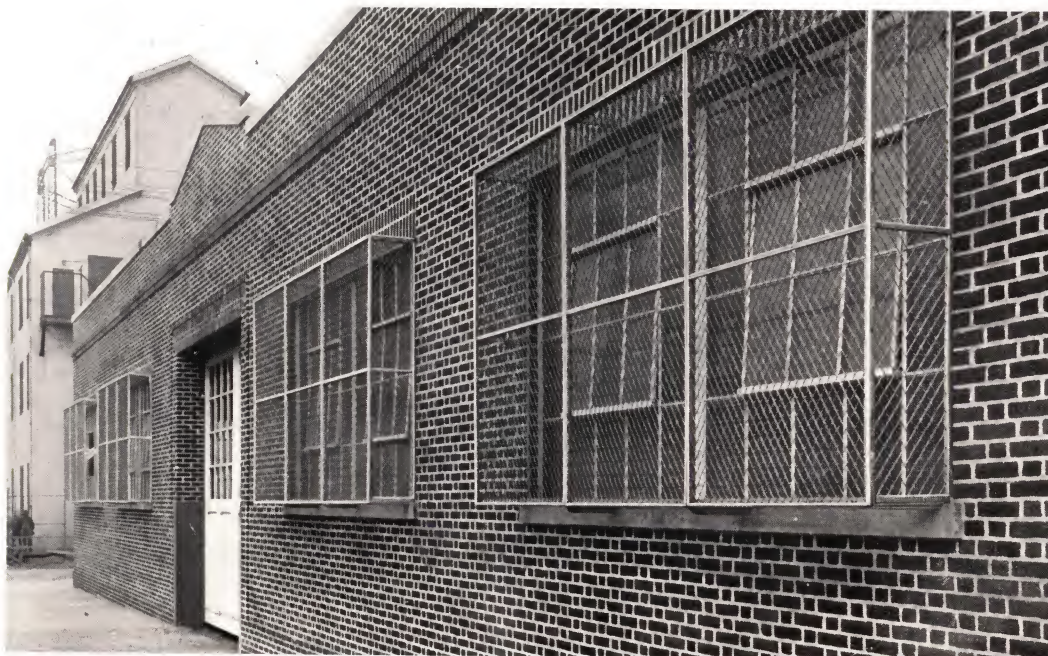






PLATE No. H32.—Folding gate at entrance to Freight or Elevator car. It is supported on top by a tubular hanger and trolleys, upright posts, gate slides in a groove, thereby holding the gate in the proper position whether opened or closed.



Over 50 years of service



# H O R R O C K S      F O L D I N G      G A T E S



PLATE No. H33.—Horrocks Folding Gates are designed to stay in their proper position, whether open or closed, without swaying or sagging. They are made in single folding type for freight or elevator work, and in two-part folding type (as illustrated above) for wider openings such as building entrances.





## Safeguard Your Workmen Throughout Your Plant

The danger of serious injury to your workmen and the possibility of damage to your machinery, and consequent loss, is ever present when your machinery is left entirely or even partly unprotected.

For over 50 years Horrocks Machinery Guards have provided that high degree of protection which is demanded by the laws of some states and is always the part of wisdom, no matter where a factory may be located. More efficient workmen and a smoother running production is bound to be the result.

We have made protective guards for almost every form of machinery now in use, and illustrate just a few of these herewith. These guards are usually made of heavy diamond mesh wire work, set in stiff, strong frames of appropriate design for the service for which they are intended.

Hinged panels with locks may be provided where access to moving parts is desired for oiling and other purposes.



PLATE NO. H34.—SPOOLING MACHINES  
Swishing skirts and blowing hair cannot get caught in these safeguarded belt drives.



PLATE NO. H35.—POWER JOB PRESSES  
No careless customer or skylarking printer's devil can get caught in these presses.





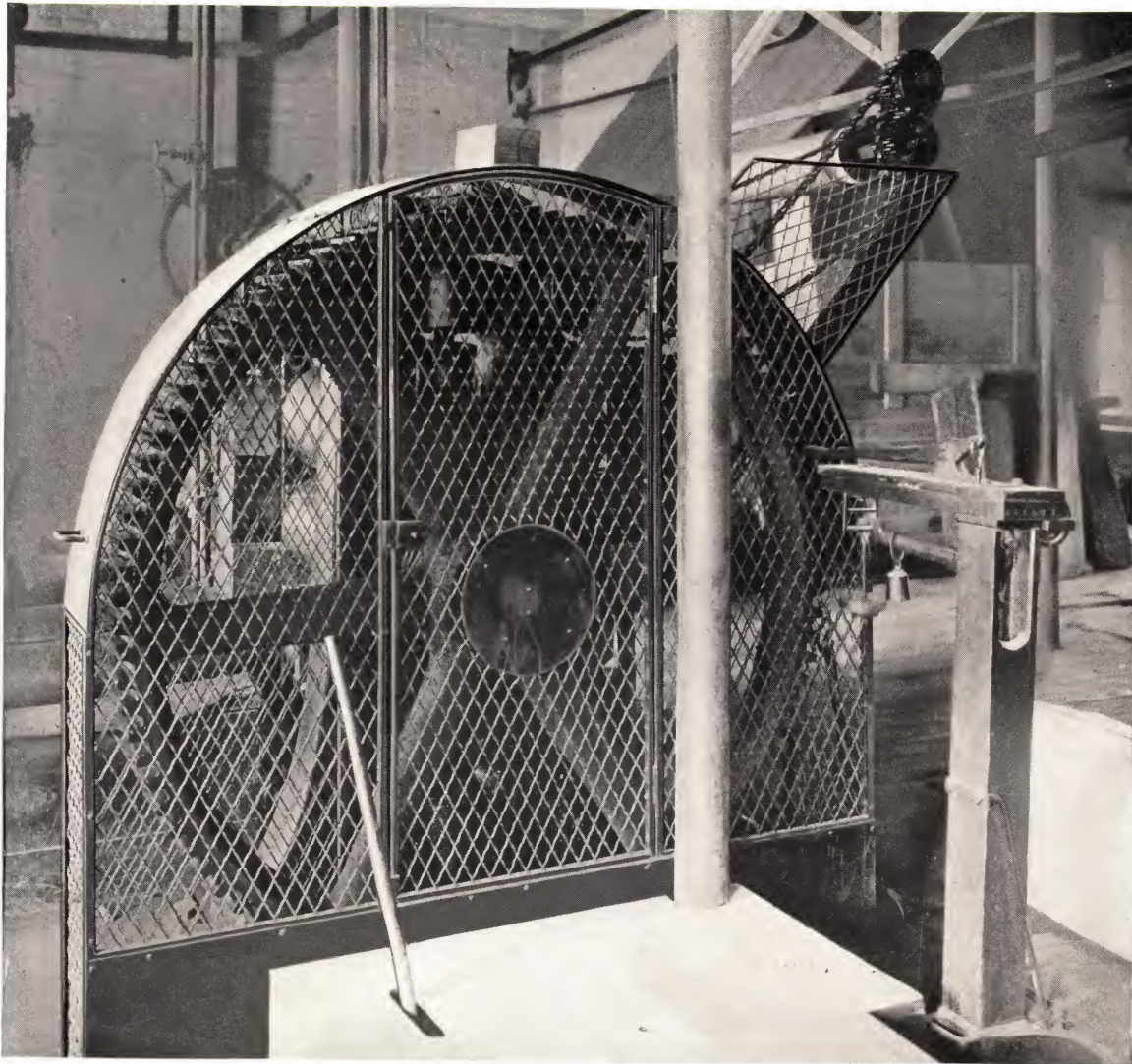


PLATE No. H36.—This is one of the many machines in a number of the largest rubber mills in the country which we have provided with our machinery guards. Without these guards this big powerful machine would be a continual source of danger to all working near it. The designing and making of effective machinery guards requires a knowledge and skill which can only be acquired through long experience. We have been making machinery guards for over 50 years, and the benefit of our experience is at the disposal of our customers. Our special machinery guard catalog shows many types of standard and special guards.





# HORROCKS WIRE WORK

## Products

WIRE OFFICE PARTITIONS  
WIRE FACTORY PARTITIONS  
STEEL FOLDING GATES  
WIRE MESH MACHINERY GUARDS  
WIRE MESH DELIVERY SYSTEMS  
WIRE MESH DRIVERS' BINS  
WIRE MESH ROOF RAILS  
WIRE WINDOW GUARDS



*Over 50 years of service*

## JOSHUA HORROCKS, INC.

*Main Office and Factory:*

41 to 45 SCHENECTADY AVENUE      BROOKLYN, N. Y.

*Branch Offices:*

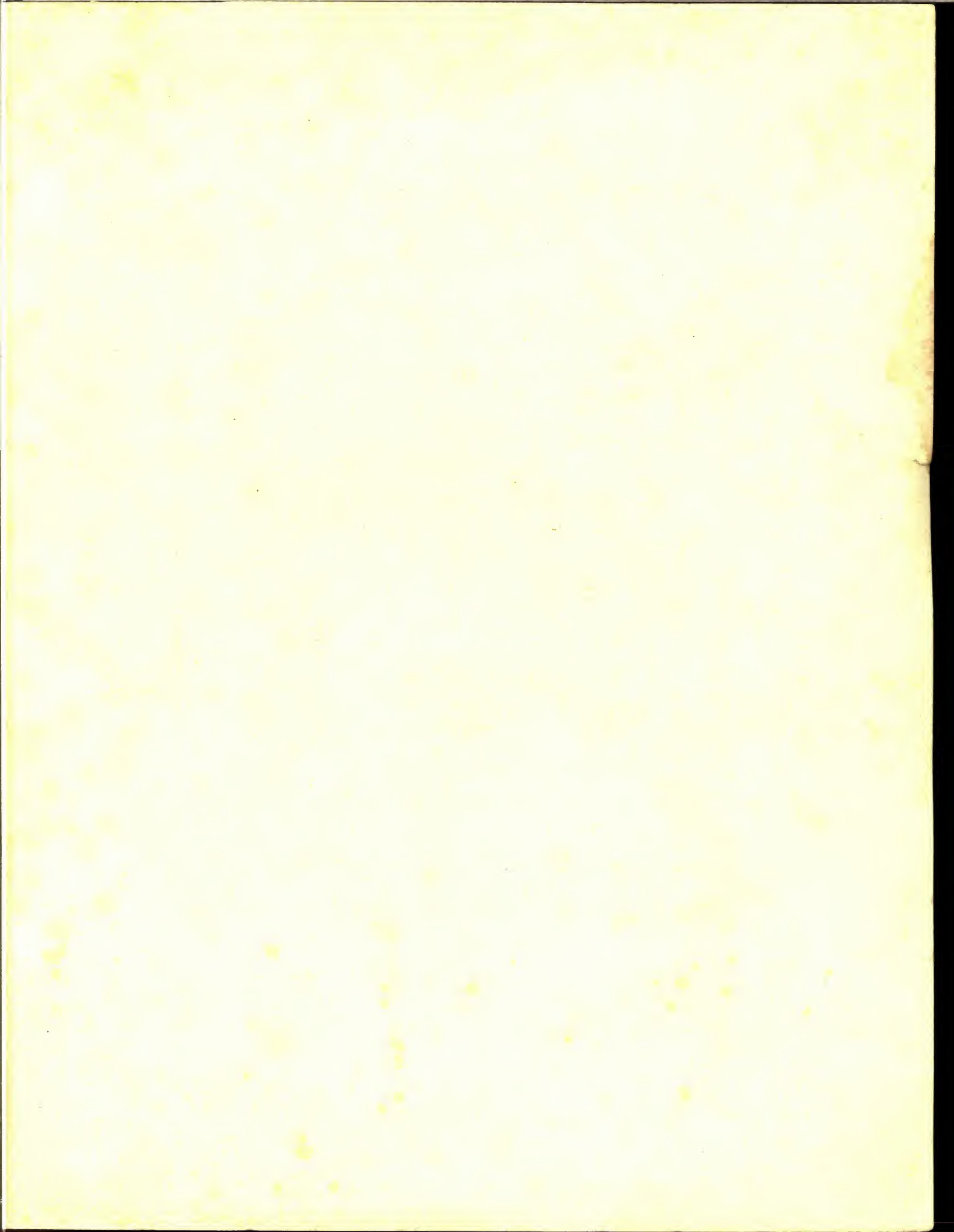
NEWARK, N. J., 59 Peck Ave.

NEW HAVEN, CONN., 20 Center Street.

BOSTON, MASS., 294 Washington Street.

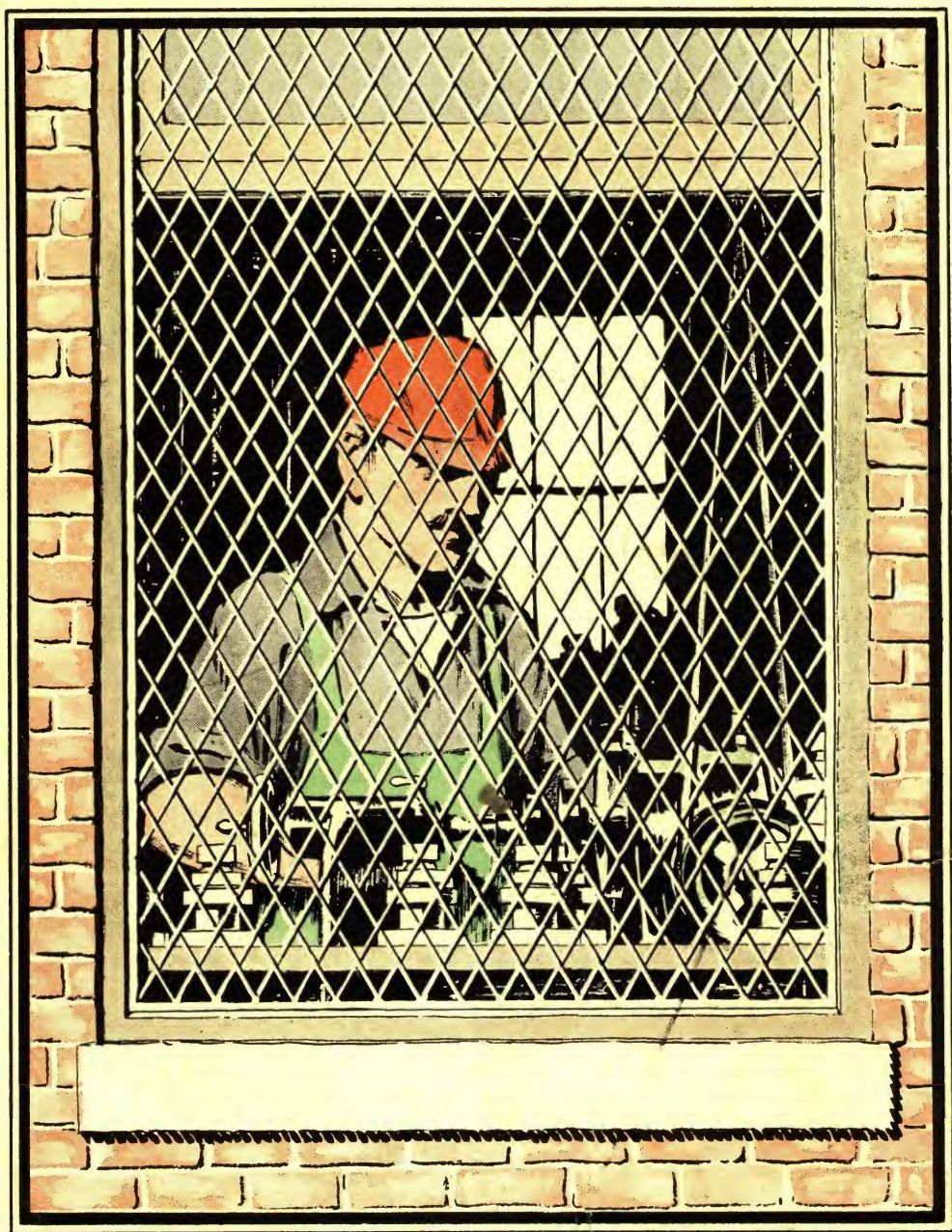
BALTIMORE, MD., 328 North Charles St.







# WINDOW GUARDS



## and WIRE PARTITIONS

**Joshua Horrocks, Inc.**

**41-43 Schenectady Ave.**

**Brooklyn, N.Y.**

**NEW HAVEN, CONN.**

**BALTIMORE, MD.**

**BOSTON, MASS.**

**NEWARK, N.J.**